

## STATE ENGINEER OFFICE

## WELL RECORD

## Section 1. GENERAL INFORMATION

(A) Owner of well NASA White Sands Test Facility Owner's Well No. ST-7  
 Street or Post Office Address P.O. Box 20  
 City and State Las Cruces, NM 88004

Well was drilled under permit No. No permit - monitoring well and is located in the:

a. W  $\frac{1}{2}$  SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 32 Township 20S Range 3E N.M.P.M.  
 b. Tract No. \_\_\_\_\_ of Map No. \_\_\_\_\_ of the \_\_\_\_\_  
 c. Lot No. \_\_\_\_\_ of Block No. \_\_\_\_\_ of the \_\_\_\_\_  
 d. X = \_\_\_\_\_ feet, Y = \_\_\_\_\_ feet, N.M. Coordinate System \_\_\_\_\_ zone in  
 the \_\_\_\_\_ Grant.

(B) Drilling Contractor Stewart Brothers Drilling Company License No. WD 331

Address P.O. Box 2067, 306 Airport Rd., Milan, NM 87021

Drilling Began 01/26/99 Completed 07/16/99 Type tools Rotary Size of hole 12  $\frac{1}{4}$  in.

Elevation of land surface or \_\_\_\_\_ at well is approx. 4478 ft. Total depth of well 1010 ft.

Completion well is ☒ shallow ☐ artesian. Depth to water upon completion of well 417 ft.

## Section 2. PRINCIPAL WATER-BEARING STRATA

Depth in Feet		Thickness in Feet	Description of Water-Bearing Formation	Estimated Yield (gallons per minute)
From	To			
417	1010	593	Alluvium (Santa Fe Group)	Unknown

## Section 3. RECORD OF CASING

Diameter (inches)	Pounds per foot	Threads per in.	Depth in Feet		Length (feet)	Type of Shoe	Perforations	
			Top	Bottom			From	To
14			0	103	103	None	Surface Casing	
4			0	1010	1010	Steel	outer casing (see Section 7)	
1.5			0	1000	1000	None	inner casing	

## Section 4. RECORD OF MUDDING AND CEMENTING

Depth in Feet		Hole Diameter	Sacks of Mud	Cubic Feet of Cement	Method of Placement
From	To				
0	103	17 $\frac{1}{2}$ "		62	Pressure grout from inside of surface casing
0	202	12 $\frac{1}{4}$ "		169	Tremie pipe cement down annulus above completion materials

## Section 5. PLUGGING RECORD

[illegible]

Well is constructed of 1.5" diameter PVC Westbay Multi-Port System® casing installed within 4" stainless steel well casing. Westbay® packers are inflated inside the 4" casing and are located immediately above and below screened zones in the 4" casing. Specialized measurement and pumping ports are located on the Westbay® well within sampling zones. Conventional screened/Westbay® sampling zones are located 440' - 460', 540' - 560', 775' - 795', and 965' - 985'.